	Application No.	Applicant(s)
Notice of Allowability	10/079,004	MANGOLD ET AL.
	Examiner	Art Unit	
	Longbit Chai	2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *phone interview on 6/4/2007*.

2. ☒ The allowed claim(s) is/are *1,2,4-9,11-19 and 21-24*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
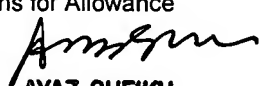
    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *6/4/2007* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mark L. Watson (Reg. No. 46,322) on 6/4/2007.

This application has been amended as follows:

IN THE CLAIMS

Cancel claims **3, 10 and 20** without prejudice.

Replace claim **1, 9 and 18** as follows.

Claim 1:

A method comprising:

forwarding a first list of hardware registers from a device driver to a first security module upon initializing a the device driver upon at startup of a computer system:

forwarding a first list of hardware registers from the device driver to a first

security module;

verifying, at the first security module, a digital signature of the device

driver;

storing the first list of hardware registers;

receiving video data at an application program;

receiving a second list of hardware registers from a ~~the~~ device driver <u>upon</u>

<u>a first application call from the application program at the beginning of video data</u>

<u>streaming</u>;

determining whether the first list of hardware registers matches the

second list of hardware registers; and

if so, streaming the video data to a video decoder.

<u>Claim 9</u>:

A computer system comprising:

a player application that receives data content;

a decoder that stores and decodes the data content received at the player,

the decoder including hardware registers to store the data content;

a driver, coupled to the decoder, that allocates the hardware registers

within for access by the player application; and

a first security module, coupled to the driver, that secures a first list of

resources corresponding to the hardware registers <u>forwarded from the driver</u>

upon initializing the driver at startup of a computer system to prevent

unauthorized access of the data content within the hardware registers; receives a

second list of hardware registers from the driver upon a first application call from

the player application at the beginning of data content streaming; and verifies the

integrity of the driver via digital signatures prior to receiving the first list of

resources and determining whether the first list of resources corresponding to the

hardware registers matches the second list of resources corresponding to the

hardware registers; and if so, streaming the data content to the decoder.

Claim 18:

An article of manufacture including one or more computer readable

storage media that embody a program of instructions, wherein the program of

instructions, when executed by a processing unit, causes the processing unit to:

forwarding a first list of hardware registers from a device driver to a first

security module upon initializing a the device driver upon at startup of a computer

system;

~~forwarding a first list of hardware registers from the device driver to a first~~

~~security module;~~

verify, at the first security module, a digital signature of the device driver;

store the first list of hardware registers;

receive video data at an application program;

receive a second list of hardware registers from a <u>the</u> device driver <u>upon a</u>

<u>first application call from the application program at the beginning of video data</u>

<u>streaming</u>;

determine whether the first list of hardware registers matches the second

list of hardware registers; and

if so, stream the video data to a video decoder.

Allowable Subject Matter

1. Claims 1, 2, 4 – 9,11 – 19 and 21 – 24 are allowed.

2. The following is an examiner's statement of reasons for allowance:

The above mentioned claims are allowable over prior arts because the CPA

(Cited Prior Art) of record fails to teach or render obvious the claimed limitations in

combination with the specific added limitations, as recited in independent claims 1, 9

and 18 (& associated dependent claims).

The prior-arts fail to teach or suggest a method of forwarding a first list of

hardware registers from a device driver to a first security module upon initializing a the

device driver at startup of a computer system; verifying, at the first security module, a

digital signature of the device driver; storing the first list of hardware registers and

receiving video data at an application program; receiving a second list of hardware

registers from the device driver upon a first application call from the application program

at the beginning of video data streaming; determining whether the first list of hardware

registers matches the second list of hardware registers; and if so, streaming the video data to a video decoder.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Longbit Chai whose telephone number is 571-272-3788. The examiner can normally be reached on Monday-Friday 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

. Business Center (EBC) at 866-217-9197 (toll-free).

Longbit Chai
Examiner
Art Unit 2131

LBC

AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100